



GSFC DAAC

Experimental Modes of WWW Access to Data Holdings

**Dan Ziskin (ziskin@daac.gsfc.nasa.gov)
Chris Lynnes (lynnes@daac.gsfc.nasa.gov)**

**Goddard Space Flight Center
Distributed Active Archive Center
<http://daac.gsfc.nasa.gov/>**

Objectives

- Develop simplified data access paradigms within the WWW framework
- Evaluate their use and acceptance in the general user community relative to existing paradigms
- Address System Management Office Risks:
 - Uncertain and diverging user data access requirements
 - Difficulty in presenting the ECS "data are data" concept to users

Approach

- WWW interface to the inventory to order data “in bulk”
 - Does not require a prior granule search
- Additional, optional search for individual granules
- Direct data access mode
 - Limited in volume of available data
 - Limited in maximum resource usage
 - Includes a subsetting capability
- Mechanism to screen frivolous orders and accesses
- Usage statistics of various access modes



Status / Results To Date

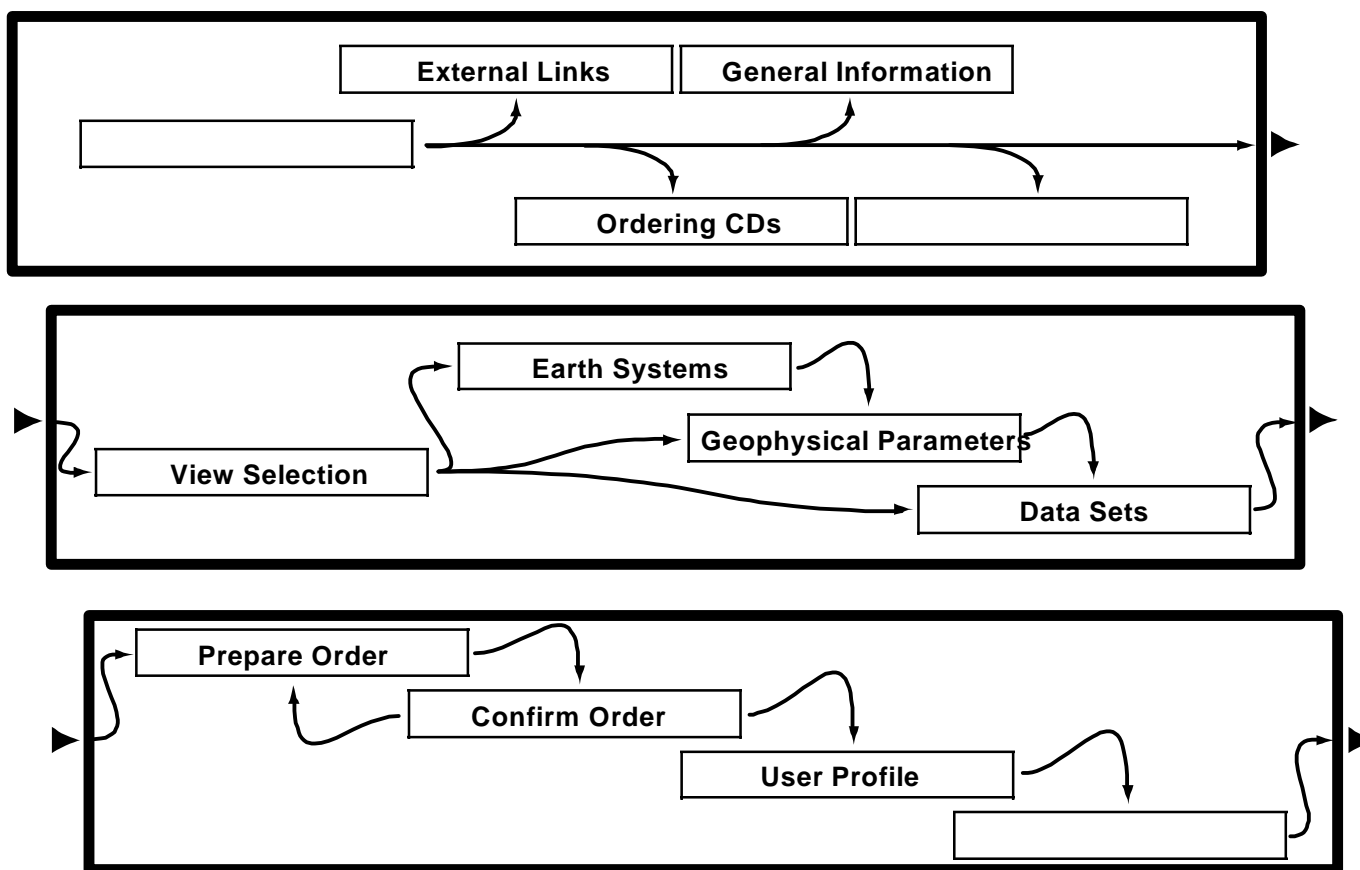
10/5/95 - General Release

- Collecting User Feedback
- Testing Search and Order Procedures
- Working Towards Automation
- Bulk Ordering
- Database Access Minimized
- Temporary Limitations
 - FTP only
 - intervention required



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Current Design





Next Steps

- Subsetting
 - Pre-cut subsets
 - On-the-fly (nearline / asynchronous)
 - On-the-fly (online / synchronous)
- Usage Patterns and Metrics
- Text-Only version
- Scripts for FTP Retrieval
- Automation



ESDIS Support Requirements

- Earth Pages Advertising Services
- New Customer Outreach